Some of the contents in this manual may differ from your device depending on the software of the device or your service provider.

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user manual

SAMSUNG

using this manual

This user manual has been specially designed to guide you through the functions and features of your device. To get started quickly, refer to the quick start guide.

Instructional icons

Before you start, familiarise yourself with the icons you will see in this manual:

Warning—situations that could cause injury to yourself or others

Caution—situations that could cause damage to your device or other equipment

Note—notes, usage tips, or additional information

▶ Refer to—pages with related information; for example: ▶ p. 12 (represents "see page 12")

→ **Followed by**—the order of options or menus you must select to perform a step; for example: Press [▤] → **Media** → **Music plyr.** (represents [▤], followed by **Media**, followed by **Music plyr.**)

[ ] **Square brackets**—device keys; for example: [☎] (represents the End/Power key).

< > **Angled brackets**—softkeys that control different functions at each screen; for example: <**OK**> (represents the **OK** softkey).

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safety and usage information

Comply with the following precautions to avoid dangerous or illegal situations and ensure peak performance of your device.

Safety warnings

WARNING

Keep your device away from small children and pets

Keep your device and all accessories out of the reach of small children or animals. Small parts may cause choking or serious injury if swallowed.

Protect your hearing

Listening to a headset at high volumes can damage your hearing. Use only the minimum volume setting necessary to hear your conversation or music.

Install mobile devices and equipment with caution

Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted. Avoid placing your device and accessories near or in an air bag deployment area. Improperly installed wireless equipment can cause serious injury when air bags inflate rapidly.

Handle and dispose of batteries and chargers with care

- Use only Samsung-approved batteries and chargers specifically designed for your device. Incompatible batteries and chargers can cause serious injuries or damage to your device.
- Never dispose of batteries or devices in a fire. Follow all local regulations when disposing used batteries or devices.
- Never place batteries or phones on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode when overheated.
- Never crush or puncture the battery. Avoid exposing the battery to high external pressure, which can lead to an internal short circuit and overheating.

Avoid interference with pacemakers

Maintain a minimum of 15 cm (6 inches) between mobile devices and pacemakers to avoid potential interference, as recommended by manufacturers and the independent research group, Wireless Technology Research. If you have any reason to suspect that your device is interfering with a pacemaker or other medical equipment, turn off the device immediately and contact the manufacturer of the pacemaker or medical equipment for guidance.

Turn off the device in potentially explosive environments

Do not use your device at refuelling points (service stations) or near fuels or chemicals. Turn off your device whenever directed by warning signs or instructions. Your device could cause explosions or fire in and around fuel or chemical storage and transfer areas or blasting areas. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

Reduce the risk of repetitive motion injuries

When sending text messages or playing games on your device, hold the device with a relaxed grip, press the keys lightly, use special features that reduce the number of keys you have to press (such as templates and predictive text), and take frequent breaks.

Safety precautions

CAUTION

Drive safely at all times

Avoid using your device while driving and obey all regulations that restrict the use of mobile devices while driving. Use hands-free accessories to increase your safety when possible.

Follow all safety warnings and regulations

Comply with any regulations that restrict the use of a mobile device in a certain area.

Use only Samsung-approved accessories

Using incompatible accessories may damage your device or cause injury.

Turn off the device near medical equipment

Your device can interfere with medical equipment in hospitals or health care facilities. Follow all regulations, posted warnings, and directions from medical personnel.

Turn off the device or disable the wireless functions when in an aircraft

Your device can cause interference with aircraft equipment. Follow all airline regulations and turn off your device or switch to a mode that disables the wireless functions when directed by the airline personnel.

Protect batteries and chargers from damage

- Avoid exposing batteries to very cold or very hot temperatures (below 0° C/32° F or above 45° C/113° F). Extreme temperatures can reduce the charging capacity and life of your batteries.
- Prevent batteries from contacting metal objects, as this can create a connection between the + and - terminals of your batteries and lead to temporary or permanent battery damage.
- Never use a damaged charger or battery.
- Risk of explosion if a battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

CAUTION

Handle your device carefully and sensibly

- Do not allow your device to get wet—liquids can cause serious damage. Do not handle your device with wet hands. Water damage to your device can void your manufacturer's warranty.
- Avoid using or storing your device in dusty, dirty areas to prevent damage to moving parts.
- Your device is made of complex electronics—protect it from impacts and rough handling to avoid serious damage.
- Do not paint your device, as paint can clog moving parts and prevent proper operation.
- Avoid using the device's camera flash or light close to the eyes of children or animals.
- Your device and memory cards may be damaged by exposure to magnetic fields. Do not use carrying cases or accessories with magnetic closures or allow your device to come in contact with magnetic fields for extended periods of time.

Avoid interference with other electronic equipment

Your device emits radio frequency (RF) signals that may interfere with unshielded or improperly shielded electronic equipment, such as pacemakers, hearing aids, and medical equipment in homes or vehicles. Consult the manufacturers of your electronic equipment to solve any interference problems you experience.

Important usage information

Use your device in the normal position

- Avoid contact with your device's internal antenna.
- Hold your device in portrait orientation when using GPS services to get a better signal.

Allow only qualified personnel to service your device

Allowing unqualified personnel to service your device may result in damage to your device and will void your warranty.

Ensure maximum battery and charger life

- Avoid charging batteries for more than a week, as overcharging may shorten battery life.
- Over time, unused batteries will discharge and must be recharged before use.
- Disconnect chargers from power sources when not in use.
- Use batteries only for their intended purpose.

Handle SIM cards and memory cards with care

- Do not remove a card while the device is transferring or accessing information, as this could result in loss of data and/or damage to the card or device.
- Protect cards from strong shocks, static electricity, and electrical noise from other equipment.
- Frequent writing and erasing will shorten the life span of memory cards.
- Do not touch gold-coloured contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.

Ensure access to emergency services

Emergency calls from your device may not be possible in some areas or circumstances. Before travelling in remote or undeveloped areas, plan an alternate method of contacting emergency services personnel.

Specific Absorption Rate (SAR) certification information

Your device conforms to European Union (EU) standards that limit human exposure to radio frequency (RF) energy emitted by radio and telecommunications equipment. These standards prevent the sale of mobile devices that exceed a maximum exposure level (known as the Specific Absorption Rate, or SAR) of 2.0 watts per kilogram of body tissue.

quick start guide

This quick start guide has been specially designed to guide you through the functions and features of your device.

Unpack

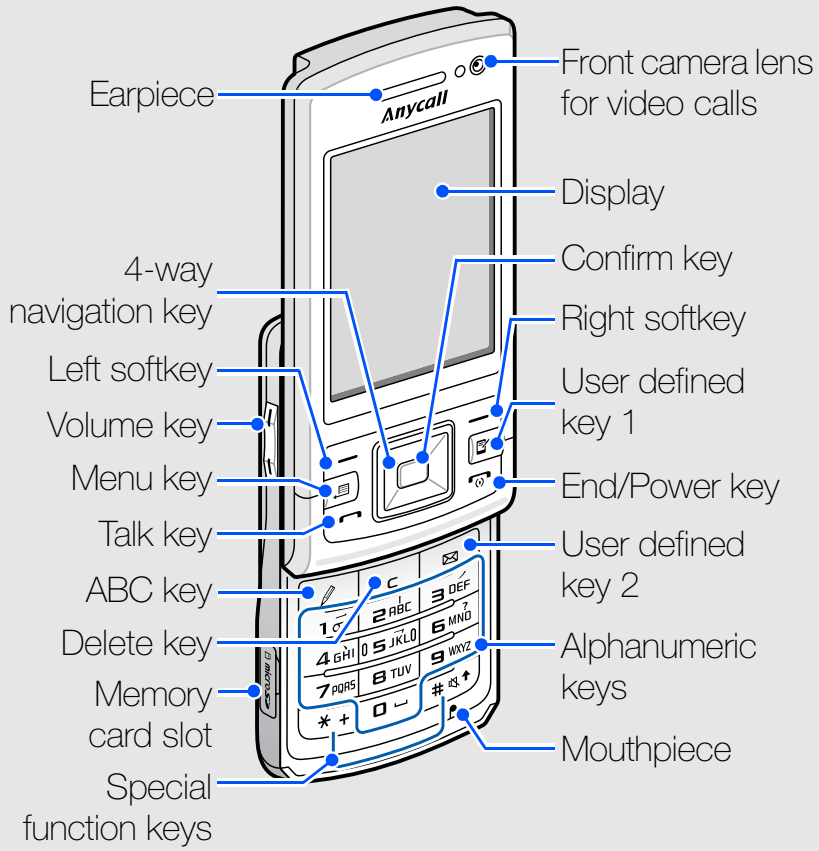
Your package contains the following items:

- Smartphone
- Headset
- Battery
- Travel adapter (charger)
- PC data cable
- Samsung PC Studio CD

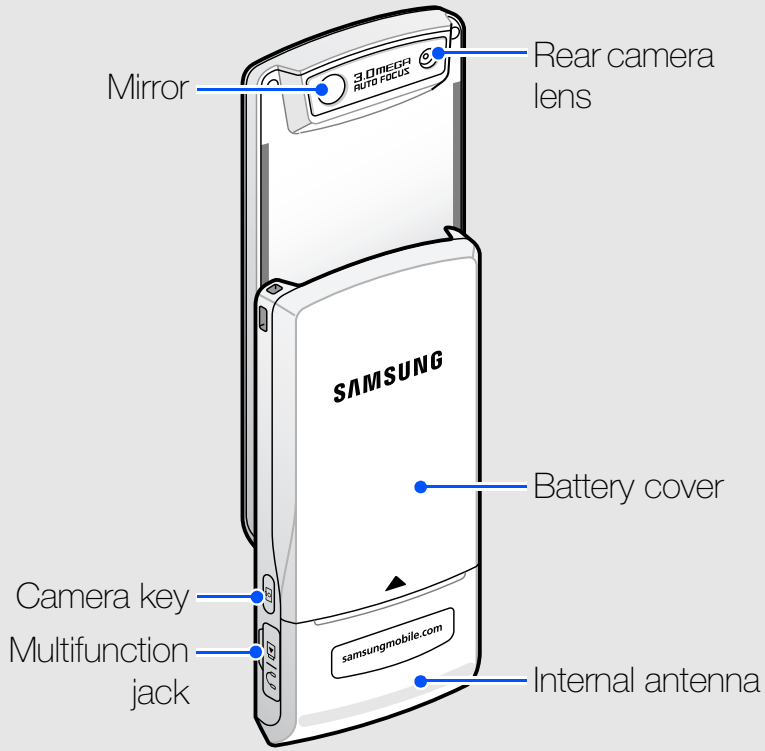
- The items supplied with your device and the accessories available at your Samsung dealer may vary, depending on your region or service provider.
- Use only Samsung-approved software. Pirated or illegal software may cause damage or malfunctions that are not covered by manufactures warranty.

Get to know your device

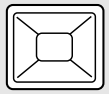
Front view

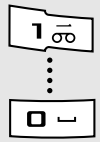


Rear view



Keys

Key	Function
	Perform actions indicated at the bottom of the display
	Open the main menu; Show all active applications (press and hold)
	Move through lists or menus; Move the cursor up, down, left, or right
	Confirm your selection or execute the selected application
	Open the defined application or bookmark
	Make or answer a call; In Standby mode, access call logs

Key	Function
	Turn the device on or off (press and hold for three seconds); Access the Profiles Menu (press and hold for two seconds); End a call; Exit an application
	Display a list of input modes
	Delete
	Open the defined application or bookmark
	Enter numbers and characters; In Standby mode, press and hold [1] to access voice mail
	Enter an international call prefix or pause; Display a list of symbols

Key	Function
	Change the text input mode; Change character case; In Standby mode, activate or deactivate Silent profile (press and hold)
	In Standby mode, adjust key volume; During a call, adjust earpiece volume; During an incoming call, adjust ringtone volume
	Turn on the camera (press and hold); In Camera mode, take a photo or record a video

Icons

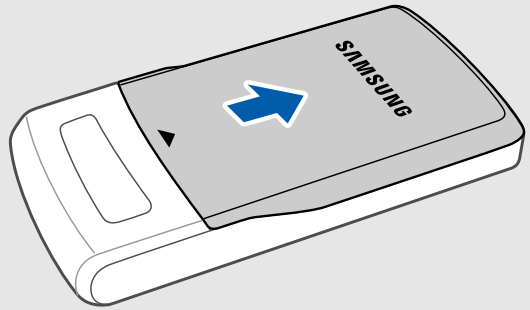
Icon	Definition
	Signal strength (GSM/GPRS network)
3G	Signal strength (WCDMA network)
3G+	Signal strength (HSDPA network)
	Alarm activated
	New text message
	New voice mail message
@	New email message
	Sending a message
	Call diverting active (if you have multiple lines, a number will indicate which line is diverted)
2	Active phone line 2

Icon	Definition
	Missed call
	Bluetooth activated
	Stereo headset connected
	Mono headset connected
	Connected to computer
	In Home Zone service area
	Keypad locked
	Memory card inserted
	Battery power level

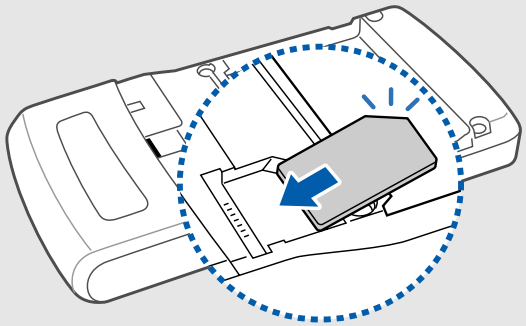
Assemble and prepare your device

Insert the SIM card and battery

1. Remove the battery cover.

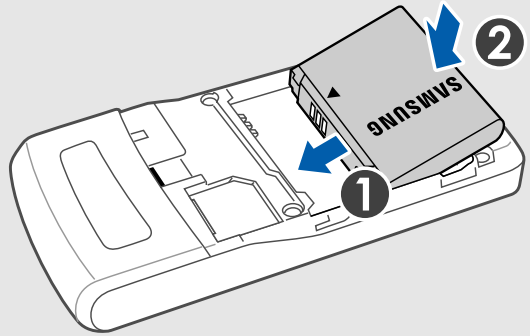


2. Insert the SIM card.

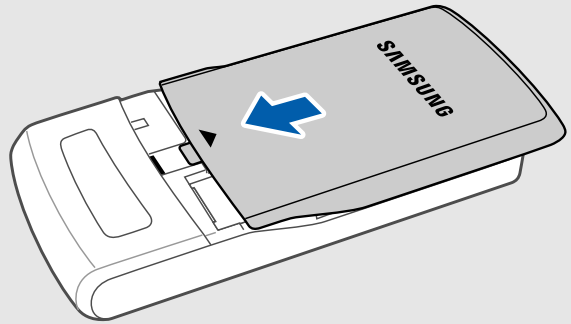


- Insert the SIM card with the gold-coloured contacts facing the device.
- Remove the battery before inserting or removing the SIM card.

3. Insert the battery.

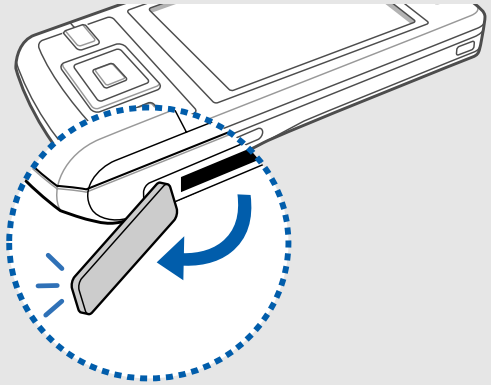


4. Replace the battery cover.

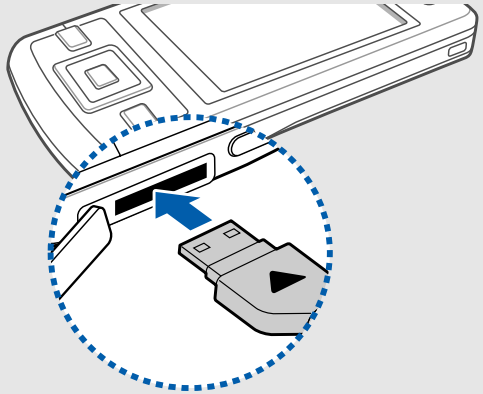


Charge the battery

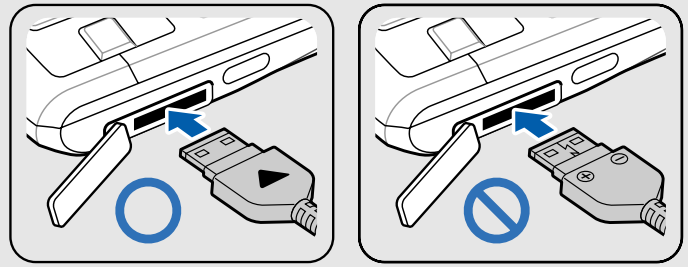
1. Open the cover to the multifunction jack on the side of the device.



2. Plug the small end of the travel adapter into the device.



Improperly connecting the travel adapter can cause serious damage to the device. Any damages by misuse are not covered by the warranty.

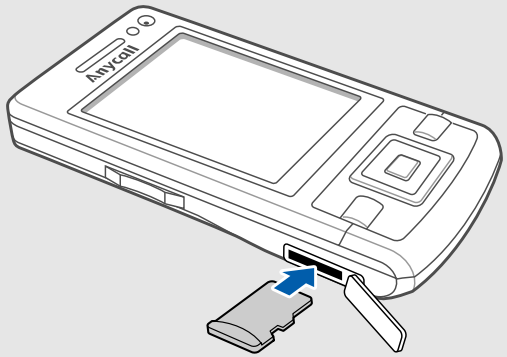


3. Plug the large end of the travel adapter into a power outlet.
4. When charging is finished, unplug the travel adapter from the power outlet.
5. Remove the travel adapter from the device.

Insert a memory card (optional)

By inserting a memory card, you can store multimedia files and messages or backup your important information. Your phone accepts microSD™ memory cards up to 4 GB (depending on memory card manufacturer and type).

1. Open the cover to the memory card slot on the side of the device.
2. Insert a memory card into the memory card slot with the label facing up.



3. Push the memory card into the memory card slot until it locks (clicks) in place.
4. Close the cover to the memory card slot.

CAUTION

Follow these steps when removing a memory card.

Carefully follow the steps below when removing a memory card to avoid data loss or damage to the memory card.

1. Press and hold [ ] for two seconds and select **Remove memory card**.
2. Press <**Yes**> to confirm.
3. Open the cover to the memory card slot and gently push the memory card in until it disengages (clicks) from the device.
4. Pull the memory card out of the memory card slot.
5. Press <**OK**>.

If you must reboot the device to finish installing an application, do not remove the memory card until the reboot is complete. Otherwise, your application files may be corrupted or erased.

Turn on your device for the first time

1. Press and hold [ ] to turn on your device.
2. Follow the on-screen instructions to set the region, current time, and the date. Your device will automatically connect to the cellular network.

Unlock the external keys

When you close your device, it automatically locks the external keys. To unlock the keys, press <**Unlock**> and then press the Confirm key.

Use basic call functions

Make a voice call

1. In Standby mode, enter an area code and phone number.
2. Press [ ] to dial the number.
3. To end the call, press [ ].

Make a video call

1. In Standby mode, enter an area code and phone number.
2. Press <**Options**> → **Call** → **Video call** to dial the number
3. To end the call, press [ ].

Answer a call

1. When a call comes in, press [ ].
2. To end the call, press [ ].

Enter text

Change the text input mode

Press [#] to switch between the following text input modes. Depending on your region, available text input modes may vary.

- 拼音词组- Pinyin mode
- - Traditional Stroke mode
- - Simplified Stroke mode
- - BoPoMoFo mode
- Abc - Predictive mode (initial capital)
- abc - Predictive mode (lower case)
- Abc - Normal mode (initial capital)
- abc - Normal mode (lower case)
- 123 - Number mode

To use Pinyin, Stroke, or BoPoMoFo mode, you must change the input language by pressing <**Options**> → **Writing language** → 简体中文.

To access symbols, press [*].

Enter text in Pinyin mode

Pinyin is a system to enter Chinese words by spelling them phonetically (how they sound) using the Latin alphabet.

1. Press the appropriate alphanumeric keys to enter pinyins.
2. Scroll left or right to select a pinyin.
3. Press the Confirm key. A number appears by each character.
4. Scroll up or down to select a character.
5. Press an alphanumeric key to enter the corresponding character.
6. When you are finished, press [C].

Enter text in Stroke mode

Stroke mode allows you to enter individual Chinese strokes, in written order, from top to bottom, and from left to right.

1. Press [1] through [5] to enter strokes.
   Press [6] when you are unsure which stroke to enter. This will insert a placeholder.
2. Scroll to select a character. A number appears by each character.
3. Press an alphanumeric key to enter the corresponding character.
4. When you are finished, press [C].

Enter text in BoPoMoFo mode

1. Press [1] through [0] to enter the mandarin phonetic symbol, zhuyin (BoPoMoFo).
2. Scroll to select a character. A number appears by each character.
3. Press an alphanumeric key to enter the corresponding character.
4. When you are finished, press [C].

Enter text in Predictive mode

In Predictive mode, your device attempts to predict the word you are entering to save you time and keystrokes.

To enter a word in Predictive mode,

1. Press each alphanumeric key one time only for each letter needed.
2. Type the complete word before confirming that the device has predicted it properly. The device will actively attempt to predict words, so the correct word may not appear until you have entered it completely.
3. If the device shows the correct word, press [0] to confirm the word.
4. If the device shows an incorrect word, press [*] to view other words that match your entry, or add a word to the dictionary (see the next section).

Add a word to the dictionary

When using Predictive mode, you can add new words to the dictionary.

1. Press <**Spell**>.
2. Enter the word in normal mode and press <**OK**> to confirm.

Customise your device

Your device includes preset profiles that control ringtones, key tones, and alerts and themes that control skins, wallpaper, and menu layouts. You can activate profiles for different situations, personalise profiles, apply themes, and download new themes from the web.

Activate a profile

1. In Standby mode, press [▤] → **Profiles**.
2. Scroll to a profile and press <**Options**> → **Activate**.

In Standby mode, the current profile is shown at the top of the display (except for the General profile). To quickly change profiles, press and hold [☎] for two seconds and select a different profile.

Personalise a profile

1. In Standby mode, press [▤] → **Profiles**.
2. Scroll to a profile.
3. Press <**Options**> → **Personalise**.
4. Change the settings as desired.
5. When you are finished personalising the profile, press <**Back**>.

Apply a theme

1. In Standby mode, press [ ] → **Tools** → **Themes**.
2. Scroll to a category and press the Confirm key:
   - **General** - choose a skin for your display.
   - **Menu view** - choose a layout of the display.
   - **Standby** - choose shortcuts for Standby mode.
   - **Wallpaper** - choose a background image for Standby mode.
   - **Call image** - choose an image for incoming calls.
3. Scroll to a theme or image and press the Confirm key.

communication

Your device allows you to send and receive many types of calls and messages over cellular networks and the internet.

Calls

Learn to use your device's call functions. For basic call functions, see "Use basic call functions" ▶ p. 17.

Call an international number

1. Press [✱] twice to insert the + character (this replaces the international access code).
2. Enter the complete number you want to dial (country code, area code, and phone number), and then press [ ] to dial.
3. To end the call, press [ ].

Make a call from the contact list

1. In Standby mode, press <**Contacts**> to open your contact list.
2. Scroll to a contact or search by entering the first few letters of the contact's name.

3. Press [ ] to call the default number for the contact.

You can also press the Confirm key to open the contact information and select a different number or call type (e.g., video).

Insert a pause

When calling automated systems, you can insert a pause between the device number and another set of numbers.

To insert a pause, press [*] to select the type of pause:

- **p** (automatic pause)-press [*] three times to insert an automatic pause. The device will pause for two seconds, then automatically transmit the numbers after the pause.
- **w** (manual pause)-press [*] four times to insert a manual pause. After the pause, you must press [ ] to transmit the remaining numbers.

View and return missed calls

Your device will show missed calls on the display.

To return a missed call,

1. Press the Confirm key.
2. Scroll to a missed call.
3. Press [ ] to dial.

Call a recently dialled number

1. In Standby mode, press [ ] to display a list of recent numbers.
2. Scroll to a number and press [ ].

Divert calls

Your service provider or network may or may not support this feature.

To divert your incoming calls to another number,

1. In Standby mode, press [ ] → **Settings** → **Phone** → **Call divert**.

2. Scroll to a call type and press the Confirm key.
3. Scroll to a diverting type and press <**Options**> → **Activate**.
4. For voice calls, scroll to a diverting location (mailbox or other number) and press the Confirm key.
5. Enter a phone number and press <**OK**> (if necessary).
6. Select a duration and press <**OK**> (if necessary).

Bar (block) calls

To activate this function, you need a barring password from your service provider.

To bar incoming calls from a specific number,

1. In Standby mode, press [ ] → **Settings** → **Phone** → **Call barring**.
2. Scroll to a barring type and press <**Options**> → **Activate**.
3. Enter the barring password and press <**OK**>.

If you enter the incorrect barring password three times, the device will lock. Contact your service provider.

Messages

Learn to use messaging functions. For instructions on entering text, see "Enter text" ▶ p. 18. For an explanation of options, see "Change message options" ▶ p. 35.

Message folders

When you open Messaging, you will see the **New message** function and a list of folders:

- **Inbox**: received messaging, except email and cell broadcast messages
- **My folders**: message templates and saved messages

- **New mailbox**: received email messages; when you create a mailbox, the name you specify will appear here
- **Drafts**: messages you have not yet sent
- **Sent**: recent sent messages
- **Outbox**: temporary storage for messages waiting to be sent
- **Reports**: delivery reports of text and multimedia messages; you must request a delivery report in the message options before sending

- Messages sent via the Bluetooth wireless feature are not saved in the Drafts or Sent folder.
- You may not receive a delivery report for a multimedia message if you send it to an email address.

Inbox icons

In the Inbox, you may see the following icons next to your messages:

Icon	Description
	Unread text message
	Multimedia message notification
	Unread multimedia message
	Unread smart message
	Unread service message
	Data received via a Bluetooth connection
	Unknown message type

Outbox status

When you are outside your service area or have no connection to the network or email server, your messages will remain in the Outbox folder until you re-establish a connection. The Outbox status explains why a message is being held in the Outbox folder:

- **Sending**: the device is connecting and the message will be sent immediately
- **Queued**: the message is in cue behind another message and will be sent as soon as possible
- **Resend at (time)**: the message has failed to send and will be sent at the specified time
- **Deferred**: the message has been scheduled to send at a later time
- **Failed**: the device has attempted to send the message multiple times, but has failed

Text messages

Text messages longer than 160 characters will be sent as two or more messages and may result in additional charges.

Send a text message

1. In Standby mode, press <**Messaging**> → **New message** → **Message**.
2. Enter a phone number or press the Confirm key to select a contact.
3. Scroll down and enter text.
4. Press <**Options**> → **Send** to send the message.

View a text message

1. In Standby mode, press <**Messaging**> → **Inbox**.
2. Scroll to a message and press the Confirm key to select the message.

Retrieve messages from a SIM card

If you have text messages stored on a SIM card, you must copy them to the device before you can view them.

1. In Standby mode, press <**Messaging**> → <**Options**> → **SIM messages**.
2. Press <**Options**> → **Mark/Unmark** → **Mark** (to select one) or **Mark all** (to select all).
3. Press <**Options**> → **Copy** → **Inbox** or a folder.

You can now view the messages from the folder on your device.

Multimedia messages

Before you can send multimedia messages, you must define an access point.

Set an access point

Your service provider may supply access point settings via a smart message. To automatically set an access point using a smart message, see "Save smart message data or settings to your device" ▶ p. 34.

To manually set an access point,

1. In Standby mode, press [▤] → **Settings** → **Connection** → **Destinations** → **MMS**.
2. Select an existing access point or press <**Options**> → **New access point**.
3. Set access point options according to the instructions provided by your service provider.

Send a multimedia message

1. In Standby mode, press <**Messaging**> → **New message** → **Message**.
2. Enter a phone number or press the Confirm key to select a contact.
3. Scroll down and enter text.
4. To insert an existing multimedia object, press <**Options**> → **Insert content** → an object type → **From Gallery**. To create and insert a new multimedia object, press <**Options**> → **Insert content** → an object type → **New**.
5. Press <**Options**> → **Send** to send the message.

You can only add images with a resolution of 176 x 144 or lower.

Edit a multimedia message

You can edit your multimedia message before sending it:

- To add fields to the message header, press <**Options**> → **Message header fields** → a field type
- To change the message layout, press <**Options**> → **Place text last** or **Place text first**
- To remove an item, press <**Options**> → **Remove** → an item

You can add images, sounds, or videos to slides; however, you can only add one type of media type per slide.

View a multimedia message

1. In Standby mode, press <**Messaging**> → **Inbox**.
2. Scroll to a message and press the Confirm key to select the message.

Listen to voice mail

If your voice mail number is preset by your service provider, you can press and hold [**1**] to access your voice mail.

If the voice mail number is not preset or if you need to change the voice mail number,

1. In Standby mode, press [▤] → **Tools** → **Call mlbox.** → <**Options**> → **Change number**.
2. Enter the voice mail number provided by your service provider and press <**OK**>.

You can now access your voice mail from Standby mode by pressing and holding [**1**].

Email messages

Before you send or receive email messages, you must create a mailbox.

Create a mailbox

1. In Standby mode, press <**Messaging**> → <**Options**> → **Settings** → **E-mail** or **Sync e-mail** → **Mailboxes**.
2. Press <**Yes**> or press <**Options**> → **New mailbox**.
3. Press <**Start**> to start the mailbox setup wizard and follow the on-screen instructions.

The new mailbox will automatically appear in Messaging. To change the current mailbox, return to email settings and switch the "Mailbox in use" to another mailbox.

If you use the POP3 protocol, the mailbox will not update automatically when you are online. You must disconnect and then reconnect to view new messages.

Send an email message

1. In Standby mode, press <**Messaging**> → **New message** → **E-mail**.
2. Enter an email address or press the Confirm key to select a contact.
3. Scroll down and enter a subject.
4. Scroll down and enter text.
5. Press <**Options**> → **Insert** → an object type (optional).
6. Press <**Options**> → **Send**.

If you are offline or outside your service area, the message will be held in the Outbox folder until you are online and in your service area.

View an email message

When you open a mailbox, you can view previously retrieved emails offline or connect to the email server to view new messages. After you retrieve email messages, you can view them offline.

To view new messages online,

1. In Standby mode, press <**Messaging**> → a mailbox.
2. Press <**Options**> → **Connect**.
3. Press <**Options**> → **Retrieve e-mail** → **New**.

To view new messages offline,

1. Repeat steps 1-3 above.
2. Press <**Options**> → **Disconnect**.

View or save email attachments

Email attachments ( ) may contain viruses that can damage your device. To protect your device, open attachments only if you trust the sender. For more information, see "Certificate management" ▶ p. 96.

To view an attachment,

1. From an open email message, press <**Options**> → **Attachments**.
2. Scroll to the attachment and press the Confirm key.

   The attachment opens with the corresponding application.

To save an attachment,

1. From an open email message, press <**Options**> → **Attachments**.
2. Scroll to the attachment and press <**Options**> → **Save**.

Delete an email message

You can delete email messages from your device only or from both your device and the mail server.

To delete a message from your device only,

1. In Standby mode, press <**Messaging**> → your mailbox.
2. Scroll to an email and press <**Options**> → **Delete** → **Phone only**.

The email header will remain in your mailbox until you delete the message from the mail server.

To delete a message from both your device and the mail server,

1. In Standby mode, press <**Messaging**> → your mailbox.
2. Scroll to an email and press <**Options**> → **Delete** → **Phone and server**.

If you are offline, messages will be deleted from the server the next time you connect. If you are using the POP3 protocol, deleted messages are removed when you close the mailbox connection.

Audio messages

You can send audio messages with voice memos or sound clips. To record a voice memo or sound clip, see "Recorder" ▶ p. 55.

Send an audio message

1. In Standby mode, press <**Messaging**> → **New message** → **Audio message**.
2. Press <**Options**> → **Add recipient**.
3. Scroll to a recipient and press the Confirm key → <**OK**> → a number (if necessary).
4. To insert an existing sound clip:
   a. Press <**Options**> → **Insert sound clip** → **From Gallery**.
   b. Scroll to a sound clip and press the Confirm key (skip to step 6).
5. To record and insert a new sound clip:
   a. Press <**Options**> → **Insert sound clip** → **New sound clip**.
   b. When you are finished recording, press <**Stop**> to automatically attach the sound clip to the audio message (skip to step 6).
6. Press <**Options**> → **Send**.

Cell broadcast messages

If your service provider supports this function, you can subscribe to cell broadcasts that provide automatic notifications or news updates. To learn about available cell broadcasts, contact your service provider.

Add a cell broadcast topic

1. In Standby mode, press <**Messaging**> → <**Options**> → **Cell broadcast**.
2. Press <**Options**> → **Topic** → **Add manually**.
3. Enter the topic name and number, and then press <**OK**>.

Subscribe to a cell broadcast

1. In Standby mode, press <**Messaging**> → <**Options**> → **Cell broadcast**.
2. Scroll to a topic and press <**Options**> → **Subscribe**.

   Your device will now receive new messages automatically.
3. To cancel a subscription, press <**Options**> → **Cancel subscription**.

Some connection settings may block cell broadcasts. Contact your service provider for the appropriate connection settings.

View a cell broadcast topic

1. In Standby mode, press <**Messaging**> → <**Options**> → **Cell broadcast**.
2. Scroll to a topic folder and press the Confirm key.
3. Scroll to a topic and press the Confirm key.

Set automatic notification of new cell broadcast messages

1. In Standby mode, press <**Messaging**> → <**Options**> → **Cell broadcast**.
2. Scroll to a topic and press <**Options**> → **Hotmark**.
3. To stop automatic notifications, press <**Options**> → **Remove hotmark**.

Smart messages

Your device can receive many kinds of smart messages, including business cards, ringtones, calendar events, browser bookmarks, and settings. Your service provider may send smart messages that you can use to load settings into your device.

Save smart message data or settings to your device

1. In Standby mode, press <**Messaging**> → **Inbox**.
2. Scroll to a message and press the Confirm key.
3. Press <**Options**> and save the data or settings according to the smart message type:
   - Business card: select **Save business card**
   - Ringing tone: to save to **Gallery**, select **Save**
   - Calendar entry: select **Save to Calendar**
   - WAP message: select **Add to bookmarks** or **Save to Contacts**
   - SMS service number: select **Save**
   - Voice mail number: select **Save to Contacts**
   - Access point settings: select **Save**
   - Email settings: select **Save**

You may also receive an email notification, which tells you how many new emails are in your remote mailbox.

Service messages

You may receive service messages from your service provider that are deleted automatically when they expire. You can view service messages from the Inbox (you may have to download the message from the service provider). Contact your service provider for more information about service messages.

Change message options

Change text message options

In Standby mode, press <**Messaging**> → <**Options**> → **Settings** → **Text message** to change the following options:

- **Message centres**: view all defined message centres or add a new centre (press <**Options**> → **New message centre**)
- **Message centre in use**: set a message centre to use when sending text messages
- **Character encoding**: set a character encoding type (**Full support** for Unicode reduces your maximum message length by about one-half)
- **Receive report**: set to receive a report when a message has been delivered
- **Message validity**: set a duration for the message to be valid; if the message cannot be delivered within the specified time, it will be removed from the message centre
- **Message sent as**: set to convert text messages to another format
- **Preferred connection**: set a network connection type
- **Reply via same centre**: set to use the same message centre when receiving a reply message

Change multimedia message options

In Standby mode, press <**Messaging**> → <**Options**> → **Settings** → **Multimedia message** to change the following options:

- **Image size**: set a size for images added to multimedia messages (when sending a message to an email address, the size is automatically set to **Small**)
- **MMS creation mode**: set the mode for creating multimedia messages
- **Access point in use**: set an access point to use when sending multimedia messages
- **Multimedia retrieval**: set an option for receiving multimedia messages

- **Allow anonymous msgs.**: set to allow or deny messages from anonymous senders
- **Receive adverts**: set to receive or block advertisements
- **Receive reports**: set to receive a report when the message has been delivered
- **Deny report sending**: set to deny delivery reports for multimedia messages
- **Message validity**: set a duration for the message to be valid; if the message cannot be delivered within the specified time, it will be removed from the message centre

Change email options

In Standby mode, press <**Messaging**> → <**Options**> → **Settings** → **E-mail** to change the following options:

- **Mailboxes**: view a list of defined mailboxes; for each mailbox, you can set the following options:

  Connection settings
  - **Incoming e-mail**: set options for incoming email messages
  - **Outgoing e-mail**: set options for outgoing email messages

  User settings
  - **My name**: set your user name
  - **Send message**: set email messages to send immediately or the next time you connect to the server
  - **Send copy to self**: set to save copies of outgoing email messages
  - **Include signature**: set to include a signature in your email messages
  - **New e-mail alerts**: set to show an icon when you receive a new email message
  - **E-mail deletion**: set to delete emails from your device only or from both your device and the mail server
  - **Reply-to address**: enter an email address for receiving a reply email

  Retrieval settings
  - **E-mail retrieval**: set to retrieve email headers or full messages with attachments (you can specify a size limit for full messages)

- **Retrieval amount**: set a maximum number of headers to retrieve at one time
- **IMAP4 folder path** (IMAP4): set a path to the folder that will sync with the server
- **Folder subscriptions** (IMAP4): connect to mailbox and update folders

Automatic retrieval

- **E-mail notifications**: set to be notified when you receive a new email message
- **E-mail retrieval**: set to automatically retrieve email from the server

- **Mailbox in use**: set a mailbox for messages

Change sync email options

In Standby mode, press <**Messaging**> → <**Options**> → **Settings** → **Sync e-mail** to change the following options:

- **Mailboxes**: view a list of defined mailboxes
- **Mailbox in use**: set a mailbox to sync with

Change service message options

In Standby mode, press <**Messaging**> → <**Options**> → **Settings** → **Service message** to change the following options:

- **Service messages**: set to receive service messages
- **Download messages**: set to automatically or manually download new service messages

Change cell broadcast message options

In Standby mode, press <**Messaging**> → <**Options**> → **Settings** → **Cell broadcast** to change the following options:

- **Reception**: set to receive cell broadcast messages
- **Language**: set to receive cell broadcast messages in **All**, **Selected** or **Other** languages

- **Topic detection**: set to automatically save the topic number when you receive a cell broadcast message that does not belong to an existing topic

Change other message options

In Standby mode, press <**Messaging**> → <**Options**> → **Settings** → **Other** to change the following options:

- **Save sent messages**: set to save copies of sent messages
- **Number of saved msgs.**: set a maximum number of saved messages to store in the Sent folder; as new messages are saved, older messages will be automatically deleted
- **Memory in use**: set a memory location to use for storing messages

Log

Learn to view log information about calls, packet data, and other communication events.

Recent calls

You can view and erase logs of recently missed calls, received calls, or dialled numbers.

View recent call logs

To view recently missed calls, received calls, or dialled numbers,

1. In Standby mode, press [ ] → **Log** → **Recent calls**.
2. Scroll to a call type and press the Confirm key.

To call a number from a call log, scroll to the number and press [ ].

Erase recent call logs

You can erase all recent call logs at once, erase a single call log, or delete a single number from a log.

To erase all recent call logs,

1. In Standby mode, press [] → **Log** → **Recent calls**.
2. Press <**Options**> → **Clear recent calls**.
3. Press <**Yes**> to confirm.

To erase a single call log,

1. In Standby mode, press [] → **Log** → **Recent calls** → a call type.
2. Press <**Options**> → **Clear list**.
3. Press <**Yes**> to confirm.

To erase a single number from a log,

1. In Standby mode, press [] → **Log** → **Recent calls** → a call type.
2. Scroll to a number and press [**C**], or press <**Options**> → **Delete**.
3. Press <**Yes**> to confirm.

Call duration

To view the durations of your last call, dialled number, received call, or all calls, in Standby mode, press [] → **Log** → **Call duration**.

To reset the call timers,

1. In Standby mode, press [] → **Log** → **Call duration**.
2. Press <**Options**> → **Clear timers**.
3. Enter the lock code (the default lock code is **00000000**), and then press <**OK**>.

Packet data

To view the amount of sent or received packet data, in Standby mode, press [] → **Log** → **Packet data**.

To reset the packet data counters,

1. In Standby mode, press [] → **Log** → **Packet data**.
2. Press <**Options**> → **Clear counters**.
3. Enter the lock code (the default lock code is **00000000**), and then press <**OK**>.

Communication log

You can view communication details and filter logs with the communication log.

View the communication log

1. In Standby mode, press [ ] → **Log**.
2. Scroll right to switch to the communication log.

Some events, such as a text message split into multiple parts, will appear as one communication event.

Filter log events

1. In Standby mode, press [ ] → **Log**.
2. Scroll right to switch to the communication log.
3. Press <**Options**> → **Filter**.
4. Scroll to a filter type and press the Confirm key.

Erase the communication log

To permanently erase all of the log contents,

1. In Standby mode, press [ ] → **Log**.
2. Scroll right to switch to the communication log.
3. Press <**Options**> → **Clear log**.
4. Press <**Yes**> to confirm.

Log duration

You can change the length of time that communication events are stored in the logs. After that time, events are automatically erased to free up memory.

To set a log duration,

1. In Standby mode, press [ ] → **Log**.
2. Press <**Options**> → **Settings** → **Log duration**.
3. Scroll to a duration and press the Confirm key.

If you select **No log**, no communication events will be stored in the log.

media

Learn to use the media applications on your device: Music player, Camera, Gallery, Video Editor, Viewer & Editor, Radio, RealPlayer, Recorder, and Samsung PC Studio.

Music player

With Music player, you can play mp3, aac, or wma music files.

Add files to your device

You can add music files to your device by downloading them from the internet or transferring them from a PC via Samsung PC Studio (see the Samsung PC Studio help) or a microSD memory card.

Add files to the music library

To automatically add files to the music library,

1. Add music files to your device.
2. In Standby mode, press [ ] → **Media** → **Music plyr.** → <**Options**> → **Music library**.
3. Press <**Options**> → **Update Music library**.

Play music files

1. In Standby mode, press [▤] → **Media** → **Music plyr.** → <**Options**> → **Music library** → a playlist.
2. Scroll to a file and press the Confirm key.
3. Use the following keys during playback:

Key	Function
Confirm	Pause or resume playback
Navigation (Left)	Restart playbacks; Skip backward (press within 3 seconds); Scan backward (press and hold)
Navigation (Right)	Skip forward; Scan forward (press and hold)
Navigation (Up)	Return to the playlist
Navigation (Down)	Stop playback
Volume	Adjust the volume up or down

You can also access the following options:

- To play tracks in random, press <**Options**> → **Shuffle play** → **On**.
- To play a track or all tracks repeatedly, press <**Options**> → **Repeat** → **All** or **One**.
- To close the music player, leaving music still in the background, press <**Options**> → **Play in background**.

Create a playlist

To create a custom playlist,

1. In Standby mode, press [▤] → **Media** → **Music plyr.**
2. Press <**Options**> → **Music library** → **Playlists**.
3. Press <**Options**> → **New playlist** → a memory location (if necessary).
4. Enter a name for the playlist and press the Confirm key.

5. Scroll to a track and press <**Options**> → **Mark/Unmark** → **Mark** (to select one) or **Mark all** (to select all).
6. Press <**Options**> → **Select marked items** to add the tracks to the playlist.

Camera

Your device allows you to take digital photos (jpg format) or record videos (mp4 format).

Capture a photo

1. Press and hold [📷] to turn on the camera.
2. Rotate the device 90° anti-clockwise (to the left).
3. Aim the lens at the subject and make any adjustments (see "Use the keypad in Camera mode").
4. Press [📷] or the Confirm key to capture the image.

Use the keypad in Camera mode

Key	Function
Navigation (Up/Down)	Zoom in or out
Navigation (Right)	Switch to Camcorder mode
1	Switch between Burst mode and Normal mode
2	Turn on or off Night mode
3	Change the memory where the photo is saved
4	Adjust the brightness
5	Adjust the contrast
6	Change the white balance mode
7	Change the colour tone
8	Set the time delay before taking a photo

Key	Function
*	See adjustment shortcuts
0	Change the camera settings (see "Camera" ▶ p. 103)
#	Hide or show the icons on the screen

View a photo

1. In Standby mode, press [ ] → **Media** → **Gallery** → **Images**.
2. Scroll to an image and press the Confirm key.

Record a video

1. Press and hold [ ] to turn on the camera.
2. Rotate the device 90° anti-clockwise (to the left).
3. Press <**Options**> → **Video mode** to record a video.
4. Aim the lens at the subject and make any adjustments (see "Use the keypad in Camcorder mode").
5. Press [ ] or the Confirm key to begin recording.
6. Press <**Stop**> or [ ] to stop recording.

Use the keypad in Camcorder mode

Key	Function
Navigation (Up/Down)	Zoom in or out
Navigation (Left)	Switch to Camera mode
1	Mute or unmute the audio
3	Change the memory where the video is saved
4	Adjust the brightness
5	Adjust the contrast

Key	Function
6	Change the white balance mode
7	Change the colour tone
*	See adjustment shortcuts
0	Change the camera settings (see "Camera" ▶ p. 103)
#	Hide or show the icons on the screen

Play a video

1. In Standby mode, press [▤] → **Media** → **Gallery** → **Video clips**.
2. Scroll to a video and press the Confirm key.

Gallery

You can manage all your media files and streaming internet links from Gallery.

Open a media file

1. In Standby mode, press [▤] → **Media** → **Gallery**.
   Your media files are automatically organised by file type.
2. Scroll to a media folder and press the Confirm key.
3. Scroll to a media file and press the Confirm key.

Add a streaming internet link to Gallery

1. In Standby mode, press [▤] → **Media** → **Gallery** → **Streaming links**.
2. Press <**Options**> → **New link** → a memory location (if necessary).

3. Enter a name and web address and press the Confirm key.

Play streaming content from the internet

1. In Standby mode, press [▤] → **Media** → **Gallery** → **Streaming links**.
2. Scroll to a link and press the Confirm key.
   RealPlayer will launch and ask if you want to connect to the wireless web.
3. Press <**Yes**>.

Video Editor

With Video Editor, you can edit or make videos by combining photos or videos.

Crop a video

1. In Standby mode, press [▤] → **Media** → **Video Editor** → **Edit video**.
2. Select a video file.
3. Press <**Options**> → **Play**.
4. Mark the beginning and end of the new video:
   - Press <**Options**> → **Set start** at the point where you want the new video to begin.
   - Press <**Options**> → **Set end** at the point where you want the new video to end.
5. Press <**Options**> → **Settings** and change the properties for saving the video file, such as image quality, name prefix, and memory location.
6. When you are finished, press <**Back**> → <**Options**> → **Save**.
7. Enter a new file name for the video and press <**OK**>.
   After saving the new video, the device plays the video automatically.

Insert text

1. In Standby mode, press [▤] → **Media** → **Video Editor** → **Edit video**.
2. Select a video file.
3. Press <**Options**> → **Add subtitle**.
4. Press <**Options**> → **Play**.
5. Press the Confirm key at the point where you want the text to be displayed.
6. Enter a text to insert.
7. Press the Confirm key and relocate the text.

   To change the font size or colour for the text, press <**Options**> → an option.
8. When you are finished, press <**Done**>.
9. Press the Confirm key at the point where you want the text to be disappeared.
10. Press <**Options**> → **Settings** and change the properties for saving the video file, such as image quality, name prefix, and storage location.
11. When you are finished, press <**Back**> → <**Options**> → **Save**.
12. Enter a new file name for the video and press <**OK**>.

    After saving the new video, the device plays the video automatically.

Add audio to a video

1. In Standby mode, press [▤] → **Media** → **Video Editor** → **Edit video**.
2. Select a video file.
3. Press <**Options**> → **Audio** and choose one of the following options:
   - **Audio dubbing**: Add one of the sounds you have saved.
   - **Live dubbing**: Add audio by recording a new sound.
4. Press <**Options**> → **Play**.
5. Press the Confirm key, and select a sound or start recording at the point where you want to add a sound.

6. Press the Confirm key at the point where you want to stop adding the sound.
7. Press <**Options**> → **Settings** and change the properties for saving the video file, such as image quality, name prefix, and storage location.
8. When you are finished, press <**Back**> → <**Options**> → **Save**.
9. Enter a new file name for the video and press <**OK**>.

   After saving the new video, the device plays the video automatically.

Make a slideshow

You can combine photos to make a slideshow with your favourite photos.

1. In Standby mode, press [▤] → **Media** → **Video Editor** → **Movie maker**.
2. Select the photos you want and press <**Done**>.
3. Select a sound.
4. While viewing photos, press <**Options**> to use the following options:

Option	Function
Customize	Change the setting for playing the slideshow
Modify → **Photos** or **Music**	Change the photos or the sound
Settings	Change the properties for saving the video file, such as image quality, default label, and memory location

5. When you are finished, press <**Options**> → **Save**.
6. Enter a new file name for the video and press <**OK**>.

   After saving the new video, the device plays the video automatically.

Make a storyboard

You can combine photos and videos to make a storyboard.

1. In Standby mode, press [▤] → **Media** → **Video Editor** → **Storyboard**.
2. Select the photos and videos you want and press <**Done**>.
3. While viewing the storyboard, press <**Options**> to use the following options:

Option	Function
Effect	Change the colour tone or apply a special effect
Preview	Preview the storyboard
Insert → Insert media, Insert text clip	Insert photos and videos or a text
Transition	Change how your slideshow plays from one video clip or photo to the next
Narration → Insert, Insert with mix	Add audio to your slideshow
Edit clip	Edit the selected video
Duration	Set the duration of photos
Remove → Remove selection or Remove all	Remove a photo or a video clip, or all the photos and video clips
Move	Change the order of photos
Settings	Change the properties for saving the video file, such as image quality, default label, and memory location

4. When you are finished, press <**Options**> → **Save**.
5. Enter a new file name for the video and press <**OK**>.

   After saving the new video, the device plays the video automatically.

Viewer & Editor

You can view photos and videos stored in the device and memory card, and use various options.

View a photo or video

1. In Standby mode, press [▤] → **Media** → **Viewer & Editor**.
2. Scroll to a photo or video and press the Confirm key.

View a slideshow

1. In Standby mode, press [▤] → **Media** → **Viewer & Editor**.
2. Scroll to a photo and press <**Options**> → **Slideshow**.

Edit photos

Edit photos and apply fun effects.

Transform a photo

1. In Standby mode, press [▤] → **Media** → **Viewer & Editor**.
2. Scroll to a photo and press <**Options**> → **Edit**.
3. Rotate the device 90° anti-clockwise (to the left).
4. Select **Rotate & flip**.
5. Select a rotate or flip option and press <**Done**>.
6. When you are finished, press <**Options**> → **Save**.

Crop a photo

1. In Standby mode, press [▤] → **Media** → **Viewer & Editor**.
2. Scroll to a photo and press <**Options**> → **Edit**.
3. Rotate the device 90° anti-clockwise (to the left).
4. Scroll down to **Crop** and select it.
5. Using the navigation key and the Confirm key, resize the rectangle over the area you want to crop and press <**Done**>.
6. When you are finished, press <**Options**> → **Save**.

Resize a photo

1. In Standby mode, press [▤] → **Media** → **Viewer & Editor**.
2. Scroll to a photo and press <**Options**> → **Edit**.
3. Rotate the device 90° anti-clockwise (to the left).
4. Scroll down to **Resize** and select it.
5. Using the navigation key, select a size and press <**Done**>.
6. When you are finished, press <**Options**> → **Save**.

Adjust a photo

1. In Standby mode, press [▤] → **Media** → **Viewer & Editor**.
2. Scroll to a photo and press <**Options**> → **Edit**.
3. Rotate the device 90° anti-clockwise (to the left).
4. Scroll down to **Brightness & contrast**, **Auto enhancement**, or **Color** and select it.
5. Using the navigation key, adjust the photo as desired and press <**Done**>.
6. When you are finished, press <**Options**> → **Save**.

Apply effects to a photo

1. In Standby mode, press [ ] → **Media** → **Viewer & Editor**.
2. Scroll to a photo and press <**Options**> → **Edit**.
3. Rotate the device 90° anti-clockwise (to the left).
4. Scroll down to **Effect** and select it.
5. Using the navigation key, scroll to an effect to apply and press <**Done**>.
6. When you are finished, press <**Options**> → **Save**.

Insert a visual feature

1. In Standby mode, press [ ] → **Media** → **Viewer & Editor**.
2. Scroll to a photo and press <**Options**> → **Edit**.
3. Rotate the device 90° anti-clockwise (to the left).
4. Scroll down to **Frame**, **Add clipart**, **Add text**, or **Add emoticon** and select it.
5. Scroll to a visual feature (frame, clip art, or emoticon), or enter the text to add and press <**Done**>, <**OK**>, or <**Select**>.
6. Using the navigation key, relocate the visual feature and press <**Options**> → **Done** (if necessary).

   To resize the visual feature, or change the font size or colour for the text, press <**Options**> → an option.
7. When you are finished, press <**Options**> → **Save**.

Radio

You can listen to your favourite stations with the FM radio.

Listen to the FM radio

1. Plug a headset into the multifunction jack.
2. In Standby mode, press [▤] → **Media** → **Radio**.
3. Scroll left or right to scan through available radio stations.
4. Use the following options:
   - To access a radio station by manually entering a frequency, press <**Options**> → **Manual tuning**.
   - To adjust the volume level, press the volume key.
   - To switch sound output to the speaker, press <**Options**> → **Activate loudspeaker**.
   - To get information transmitted from FM radio broadcasts, press <**Options**> → **RDS** → **RT**, **AF**, or **All**.
   - To access other functions while listening to the radio, press <**Options**> → **Play in background**.

Set up your favourite radio station list

Once you have set up a station list, you can access the stations by scrolling up or down from the radio screen.

Save radio stations by automatic tuning

1. From the radio screen, press <**Options**> → **Stations** to access the station list.
2. Press <**Options**> → **Auto-save stations**.
3. Press <**Yes**> to confirm (this will replace any existing stations).
4. When you are finished, press <**Back**>.

Save a radio station manually

1. From the radio screen, scroll to the radio station you want.
2. Press <**Options**> → **Save station**.
3. Select an empty location.
4. Enter a station name and press <**OK**>.

RealPlayer®

Your device includes RealPlayer for viewing many types of media files and streaming content from the internet. RealPlayer supports files with the following extensions: 3gp, mp4, rm, ram, ra, and rv.

Your device may not support some file formats.

Play a media file in RealPlayer

1. In Standby mode, press [ ] → **Media** → **RealPlayer** → **Video clips** or **Recently played**.
2. Locate a media file and press the Confirm key.

Play streaming web content with RealPlayer

When you open a link to streaming web content via your web browser, RealPlayer will buffer and play the content (see "Browse a web page" ▶ p. 64). You can then use the softkeys and volume key to control options for the streaming content.

Recorder

You can use Recorder to record and play back voice memos and sound clips.

Record a voice clip

1. In Standby mode, press [▤] → **Media** → **Recorder**.
2. Press the Confirm key to begin the recording.
3. When you are finished recording, press <**Stop**>.

   The voice clip is automatically saved.

Play a voice clip

1. In Standby mode, press [▤] → **Media** → **Recorder**.
2. Press <**Options**> → **Go to Gallery**.
3. Scroll to a voice clip and press the Confirm key.

   Playback begins automatically.

Samsung PC Studio

Samsung PC Studio, which is included on the Samsung PC Studio CD-ROM, is a Windows-based program that allows you to manage your personal information and sync files to your device. For more information, install the program and refer to the Samsung PC Studio help.

Install Samsung PC Studio

1. Insert the Samsung PC Studio CD into a Windows-compatible PC.
2. Select a language for the setup program.
3. Follow the on-screen instructions.

During installation, the setup program will automatically install the necessary USB drivers.

Use Samsung PC Studio

To connect your device to a PC with Samsung PC Studio, you must change the device's USB mode (See "Use Samsung PC Studio" ▶ p. 72).

personal productivity

Learn to manage contacts, schedule calendar events, use Quickoffice, Adobe PDF, and create notes.

Contacts

Learn to use contact cards and groups to store personal information, such as names, phone numbers, and addresses.

Create a new contact card

You can store contact cards in your device's memory or on a SIM card.

Create a new contact card in the device's memory

1. In Standby mode, press <**Contacts**>.
2. Press <**Options**> → **New contact**.
3. Enter contact information.

To insert additional information fields, press <**Options**> → **Add detail** → a detail type.

4. When you are finished entering information, press <**Done**> to save the contact card.

Create a new contact card on a SIM card

1. In Standby mode, press <**Contacts**>.
2. To display the contact cards on a SIM card, press <**Options**> → **Settings** → **Contacts to display** → **SIM memory** → <**OK**>.
3. To change the memory location for saving contact cards, select **Default saving memory** → **SIM memory** → <**Back**>.
4. Press <**Options**> → **New contact**.
5. Enter contact information.
6. When you are finished entering information, press <**Done**> to save the contact card.

Search for a contact card

1. In Standby mode, press <**Contacts**>.
2. Enter the first few characters of the contact name in the search box.

   The contact cards are listed, highlighting the name that most closely matches your input.
3. Scroll to a contact and press the Confirm key to open it.

Copy contact cards

To copy contact cards from one memory location to another,

1. In Standby mode, press <**Contacts**>.
2. Scroll to a contact and press <**Options**> → **Copy** → **Phone memory** or **SIM memory**.

Set a default number or address

Some contact cards may include more than one number or address.

To assign a single number or address as the default,

1. In Standby mode, press <**Contacts**>.
2. Scroll to a contact and press the Confirm key.
3. Press <**Options**> → **Defaults**.

4. Scroll to a default type and press the Confirm key.
5. Scroll to a number or address and press the Confirm key.
6. When you are finished, press <**Back**>.

Assign a speed dial number to a contact card

You can assign speed dial numbers to up to eight contact cards stored in the device's memory ([**2**] through [**9**]); [**1**] is reserved as a speed dial number for your voice mail.

To assign a speed dial number,

1. In Standby mode, press <**Contacts**>.
2. Scroll to a contact and press the Confirm key.
3. Scroll to a phone number and press <**Options**> → **Assign speed dial**.
4. Scroll to a speed dial number and press the Confirm key.
5. Press <**Yes**> (if necessary).

You can now call this contact from Standby mode by pressing and holding the assigned speed dial number.

Assign a ringtone to a contact card or group

You can assign a ringtone to any contact card or group.

1. In Standby mode, press <**Contacts**>.
2. Scroll to a contact and press the Confirm key.

   Or, scroll right to switch to the group list and scroll to a group.
3. Press <**Options**> → **Ringing tone**.

4. Scroll to a ringtone and press the Confirm key.

For an individual contact, your device will use the ringtone that was assigned last to the contact card. For example, if you assign a ringtone to a group and then assign another ringtone to a contact card within that group, the device will use the ringtone assigned to the contact card when that contact calls.

Create a contact group

You can create groups of contacts and send messages to the entire group.

1. In Standby mode, press <**Contacts**>.
2. Scroll right to switch to the group list.
3. Press <**Options**> → **New group**.
4. Enter a name and press the Confirm key.
5. Scroll to your new group and press the Confirm key to open it.
6. Press <**Options**> → **Add members**.
7. Scroll to each contact you want to add and press the Confirm key.
8. When you are finished selecting contacts, press <**OK**> to save them to the group.
9. Press <**Yes**> (if necessary).

Synchronise your contacts

To synchronise your contacts by using the current sync profile,

1. In Standby mode, press <**Contacts**>.
2. Scroll to a contact and press <**Options**> → **Synchronisation** → **Start**.
3. Scroll to a sync profile or device and press the Confirm key.

To change sync profiles or settings, see "Synchronise your device" ▶ p. 74.

Calendar

Use the calendar to keep track of appointments, birthdays, or other events.

Create a calendar event

1. In Standby mode, press [] → **Organiser** → **Calendar**.
2. Scroll to a date and press <**Options**> → **New entry** → an event type:
   - **Meeting**: a reminder at a specific date and time
   - **Memo**: general text
   - **Anniversary**: an annual reminder of a special date
   - **To-do**: a note about a particular task
3. Complete the fields and adjust the settings for your event.
4. When you are finished, press <**Done**> to save your entry.

In the **Synchronisation** field, you can specify whether an event is **Private** (seen only by you), **Public** (seen by anyone with access to your data after you sync), or **None** (not synchronised).

Change the calendar view

1. In Standby mode, press [] → **Organiser** → **Calendar**.
2. Press <**Options**> → a view type.

Stop an event alarm

If you set an alarm for a calendar event, the alarm will sound for one minute at the specified time. To stop the alarm, press <**Stop**>.

Change calendar options

From any calendar view, press <**Options**> → **Settings** to change the following options:

- **Calendar alarm tone**: set a personalised alarm tone
- **Alarm snooze time**: set a snooze duration for calendar alarms
- **Default view**: set the view that is shown when you open the calendar
- **Week starts on**: set a day to show first in week view
- **Week view title**: set the title of the week view to a week number or date

Quickoffice®

With Quickoffice, you can open Word, Excel, and PowerPoint files on your device.

Open a Quickoffice document

1. In Standby mode, press [ ] → **Organiser** → **Quickoffice**.
2. Scroll to a memory and press the Confirm key.
3. Scroll to a document and press the Confirm key.

Update Quickoffice

With Quickmanager, you can download program updates, new Quickoffice products, or special offers.

1. In Standby mode, press [ ] → **Organiser** → **Quickoffice** → **Updates and upgrades**.
2. Scroll to a Quickmanager item and press the Confirm key.

Adobe® PDF

With Adobe PDF, you can open and view PDF documents.

1. In Standby mode, press [▤] → **Organiser** → **Adobe PDF**.
2. Press <**Options**> → **Browse for file** → a memory location.
3. Scroll to a file and press the Confirm key.
4. While viewing a document, press <**Options**> to use the following options:

Option	Function
Zoom	Magnify part of a document
Find	Search for text
View	Use the full display for viewing or rotating the document
Go to	Skip to another page

Notes

With Notes, you can create text notes and synchronise them with other devices.

Create a note

1. In Standby mode, press [▤] → **Organiser** → **Notes**.
2. Press <**Options**> → **New note** to create a new note.
3. Enter text.
4. When you are finished entering text, press <**Done**> to save the note.

Synchronise notes with other devices

1. In Standby mode, press [▤] → **Organiser** → **Notes**.
2. Scroll to a note and press <**Options**> → **Synchronisation** → **Start**.

3. Scroll to a sync profile or device and press the Confirm key.

To change sync profiles or settings, see "Synchronise your device" ▶ p. 74.

Check it

With Check it, you can manage check lists, shopping lists, packing lists, travel schedule, and transport information.

Create a new folder

1. In Standby mode, press [ ] → **Organiser** → **Check it**.
2. Press <**Options**> → **New folder** to create a new folder.
3. Enter a name for the folder.
4. press <**OK**> to save the folder.

Create a new item

1. In Standby mode, press [ ] → **Organiser** → **Check it**.
2. Select a folder.
3. Press <**Options**> → **New item** to create a new item.
4. Select an item type.
5. Press <**Options**> → **Edit**.
6. Enter item information.
7. When you are finished, press <**Done**> to save the item.

web

Your device allows you to connect to the wireless web with the built-in web browser. To connect to the web, you must:

- Subscribe to a wireless network that supports data calls
- Activate the data service for your SIM card
- Obtain an internet access point from a service provider
- Define your web settings

Your device is preset to access the wireless web. If you cannot connect to the web, contact your service provider to download new browser settings.

Browse a web page

1. In Standby mode, press [ ] → **Web**.
2. Access a web page:
   - Scroll to a bookmark or folder and press the Confirm key
   - Enter a web address and press the Confirm key

3. While browsing a web page, press and hold the Confirm key to display the toolbar:

Icon	Description
	Frequently used links
	Page overview
	Reload
	Find

4. To close the web connection, press <**Close**>.

- If your device shows "Not enough memory," close other running applications to free up memory, and then restart the browser.
- The device will show a security indicator ( ) whenever you have established an encrypted connection.

While browsing, press <**Options**> to access the following:

- **Go to web address**: move to the entered web page
- **Bookmarks**: open the bookmark list
- **Save as bookmark**: create a new bookmark for the current page
- **Rotate screen**: toggle between portrait and landscape views
- **Navigation options**: view screenshots of pages you have visited recently or reload the current page
- **Zooming options**: zoom in or out on a web page
- **Window**: block all pop-ups while browsing the wireless web, or allow the pop-ups to display on the browser
- **Clear privacy data**: delete data transmitted while browsing the wireless web, such as cookies, data in the cache, history, and form or password data

- **Tools**: save pages for viewing offline, send a web page, or view information about a web page
- **Find**: search for text on a web page
- **Settings**: change the browser settings

Change browser settings

From the browser, press <**Options**> → **Settings** to access the following:

- **General**: set access point, homepage, history, security, and Java options
- **Page**: set options for loading and displaying web content
- **Privacy**: set bookmark and cookie options
- **Web feeds**: set the page to update automatically

Add a bookmark

1. In Standby mode, press [ ] → **Web**.
2. Press <**Options**> → **Bookmark manager** → **Add bookmark**.
3. Enter the bookmark name, address, and access point, as well as a user name and password if desired.
4. Press <**Options**> → **Save**.

Use a bookmark

While browsing, you can also access bookmarks. Press <**Options**> → **Bookmarks** to access the following:

Icon	Description
	Homepage (Start page)
	Folder of automatic bookmarks
	Folder you have created

Icon	Description
	Default folder
	Web feed folder
	Bookmark

Save a web page and view it offline

When you save a web page, you can view a copy of it offline without connecting to the web. The saved copy will not update automatically, so you must reconnect to the web periodically to retrieve the current version.

Save a web page

1. Use your browser to access the web page (see "Browse a web page" ▶ p. 64).
2. Press <**Options**> → **Tools** → **Save page**.
   The web page is saved to bookmarks.

View a saved web page

1. In Standby mode, press [] → **Web** → **Saved pages**.
2. Scroll to a saved web page and press the Confirm key.
3. To update the web page, press <**Options**> → **Navigation options** → **Reload**.

Download files from the web

When you download files from the web, your device stores them in a corresponding folder in Gallery. For example, your device will store downloaded images in the Images folder.

CAUTION

Files you download from the web can include viruses that will damage your device. To lessen your risk, only download files from sources you trust.

Some media files include Digital Rights Management to protect copyrights. This protection may prevent you from downloading, copying, modifying, or transferring some files.

Google

Launch the Google search engine to find information, news, images, or local services from around the web. You can also access email services and map services.

In Standby mode, press [▤] → **Google**.

- Based on this information, Google uses various algorithms to approximate your location relative to the cells nearest you. The accuracy of this information depends on how big an individual cell is. Thus, areas with a denser concentration of mobile towers allow for a more accurate My Location reading. Additionally, as our database of cell locations continues to improve, so too does the accuracy and coverage of the My Location feature.
- Google Map service only supports Traditional Chinese language and allows route search in most areas.

connectivity

Learn to transfer data to and from your device via the Bluetooth wireless feature or the PC data cable.

Use the Bluetooth wireless feature

You can connect with other Bluetooth-enabled wireless devices over a distance of 10 metres (30 feet). Walls or other obstacles between devices may block or impair the wireless connection.

Turn on the Bluetooth wireless feature

1. In Standby mode, press [ ] → **Connect.** → **Bluetooth**.
2. Edit your device's name and press <**OK**> (if necessary).
3. Scroll to **Bluetooth** and press the Confirm key.
4. To make your device visible to others, scroll to **My phone's visibility** and press the Confirm key.
5. Select a visibility option and press the Confirm key.

Search for and pair with a Bluetooth-enabled device

1. In Standby mode, press [ ] → **Connect.** → **Bluetooth**.
2. Scroll right to open the paired device list.
3. Press <**Options**> → **New paired device**.
   Your device searches for and displays the list of Bluetooth-enabled devices:

Icon	Device type
	Mobile phone
	PC
	Hands-free car kit
	Headset or audio device
	Unknown device

4. Scroll to a device and press the Confirm key.
5. Enter a Bluetooth passcode and press the Confirm key.

To pair with another Bluetooth-enabled device, both devices must use the same passcode. Headsets or hands-free car kits may use a fixed passcode, such as **0000**.

6. To allow the device to send and receive data without confirmation, press <**Yes**>. Otherwise, press <**No**> to require confirmation.

Change paired device options

From the paired device list, press <**Options**> to access the following:

- **New paired device**: search for another Bluetooth-enabled device
- **Connect to audio device**/**Disconnect**: connect to or disconnect from the paired audio device

- **Assign short name**: set a short name for a paired device
- **Set as authorised/Set as unauthorised**: set to allow another device to connect automatically or require permission
- **Block**: block the connection with the device
- **Delete**: remove a device from the list
- **Delete all**: remove all devices from the list
- **Exit**: close the paired device list

Send data via the Bluetooth wireless feature

1. Select a file or item to send.
2. Press <**Options**> → **Send** → **Via Bluetooth**.
3. Scroll to a paired device and press the Confirm key.
4. Enter a passcode and press <**OK**> (if necessary).

Receive data via the Bluetooth wireless feature

1. When another device attempts to access yours, press <**Yes**> to permit the connection.
2. Enter a Bluetooth passcode and press the Confirm key (if necessary).
3. Press <**Yes**> again to confirm that you are willing to receive data from the device (if necessary).

Accepted items are placed in the Inbox folder. The icon indicates messages received via Bluetooth.

Print data

To print your image, message, contact information, and calendar item with the Bluetooth wireless feature,

1. In Standby mode, press [ ] → **Installat.** → **Print OTG** → an item type → an item.

2. Press <**Options**> → **Print**.
   Your device searches for and displays the list of Bluetooth-enabled devices automatically.
3. Select **More devices** (if necessary).
4. Scroll to a printer and press the Confirm key.
5. Press <**Yes**> (if necessary).

Connect via USB

Set a default action for your USB connection

To set your device to perform a default action when you connect the device to a PC with the PC data cable,

1. In Standby mode, press [ ] → **Connect.** → **USB** → **USB connection mode**.
2. Set the default USB mode (**PC Studio**, **Mass storage**, **Image transfer**, or **Media transfer**).

You can also set your device to **Ask on connection**, instead of using a default USB mode. If you use this setting, your device will prompt you to choose the USB mode every time you connect to a PC.

Use Samsung PC Studio

1. Change the USB connection to **PC Studio**.
2. Connect your device to a PC with the PC data cable.
3. Run Samsung PC Studio and manage personal data and media files.
   Refer to the Samsung PC Studio help for more information.

Copy files to a memory card

1. Insert a memory card into the device.
2. Change the USB connection to **Mass storage**.
3. Connect your device to a PC with the PC data cable.
4. Select **Open folder to view files** when a pop-up window appears on your PC.
5. Copy files from the PC to the memory card.
6. When you are finished, disconnect the device from the PC.

Print images

1. Change the USB connection to **Image transfer**.
2. Connect your device to a compatible printer with the PC data cable.
3. In Standby mode, press [ ] → **Media** → **Gallery** → **Images** → an image.
4. Press <**Options**> → **Print** → **PictBridge**.
5. Set printing options.
6. Press <**Options**> → **Print** to print the image.

Synchronise with Windows Media Player

You can copy music files to the device by synchronising with Windows Media Player 11.

1. Change the USB connection to **Media transfer**.
2. Connect your device to a PC with the PC data cable.
3. Select **Sync digital media files to this device** when a pop-up window appears on your PC.
4. Enter the name of your device and click **Finish**.
5. Select and drag the music files you want to the sync list.

6. Click **Start Sync**.
7. When synchronisation is finished, disconnect the device from the PC.

Synchronise your device

Learn to synchronise the data on your device with data on a PC or other wireless device.

Create a new sync profile

Your device includes a sync profile for Samsung PC Studio.

To create a new sync profile,

1. In Standby mode, press [▤] → **Connect.** → **Sync**.
2. Press <**Options**> → **New sync profile**.
3. Press the Confirm key to start the sync profile wizard and follow the on-screen instructions.

Synchronise data

1. Connect your device to another Bluetooth-enabled wireless device (see "Search for and pair with a Bluetooth-enabled device" ▶ p. 70).
2. In Standby mode, press [▤] → **Connect.** → **Sync**.
3. Press <**Options**> → **Synchronise**.
4. Scroll to a device and press the Confirm key (if necessary).

   Your device displays a progress metre at the bottom of the screen.

After synchronisation is complete, you can press <**Options**> → **View log** to view a list of data that was changed.

additional programs

Learn to use Calculator, Clock, Converter, GPS data, Landmarks, Smart reader, and Dictionary.

Calculator

1. In Standby mode, press [▤] → **Organiser** → **Calculator**.
2. Use the alphanumeric keys and the navigation key to perform basic mathematical operations.

Press [#] to insert a decimal. Press [**C**] to clear a result. Press [*] to switch functions.

3. When performing calculations, press <**Options**> to access the following:
   - **Last result**: insert the result from the last calculation
   - **Memory**: save, recall, or clear the calculator's temporary memory
   - **Clear screen**: clear all calculations on the screen

Clock

You can adjust clock settings, set alarms, and create a world clock.

Change clock settings

1. In Standby mode, press [▤] → **Organiser** → **Clock**.
2. Press <**Options**> → **Settings** (see "Date and time" ▶ p. 94).
3. Select the time and date.
4. Press <**Back**>.

Set a new alarm

1. In Standby mode, press [▤] → **Organiser** → **Clock**.
2. Scroll right to the alarms view.
3. Press <**Options**> → **New alarm**.
4. Set alarm details.
5. Press <**Done**>.

Stop an alarm

When an alarm sounds, press <**Stop**> to end the alarm or <**Snooze**> to repeat the alarm after a specified time. You can delay the alarm (snooze) up to five times.

Your current profile setting will not affect the volume of a clock alarm.

Create a world clock

With a world clock, you can monitor the time in another city or country.

To create a world clock,

1. In Standby mode, press [▤] → **Organiser** → **Clock**.
2. Scroll right to the world clock view.
3. Press <**Options**> → **Add location**.
4. Scroll to a region and press the Confirm key, or enter the first few letters of the region name to search the list.

5. Scroll to a city and press the Confirm key (if necessary).
6. Repeat steps 3-5 to add more regions or cities (if necessary).
7. When you are finished adding regions or cities, press <**Exit**>.

Converter

With Converter, you can convert measurements or currencies from one unit to another. To convert currencies, you must first set a base currency and exchange rate.

Add currencies and exchange rates

The value of the base currency is always 1. You must enter exchange rates for other currencies as they relate to one unit of the base currency. Exchange rates change often. To ensure an accurate conversion, you must enter a current exchange rate.

To set a base currency,

1. In Standby mode, press [ ] → **Organiser** → **Converter**.
2. Scroll right until the type shows **Currency** (if necessary).
3. Press <**Options**> → **Currency rates**.
4. Scroll to a currency and press <**Options**> → **Rename currency**.
5. Enter the name of the base currency and press the Confirm key.
6. Press <**Options**> → **Set as base currency**.
7. Press the Confirm key to confirm.

To add other currencies and exchange rates,

1. Repeat steps 1-4 above.
2. Enter the name of a new currency and press the Confirm key.
3. Scroll to the new currency and enter the exchange rate.
4. Press <**Options**> → **Save**.

Convert currencies

1. In Standby mode, press [▤] → **Organiser** → **Converter**.
2. Scroll right until the type shows **Currency** (if necessary).
3. Scroll down to **Unit** and scroll right to select a currency to convert.
4. Scroll down to **Amount** and enter the amount to convert.
5. Scroll down to **Unit** and scroll right to select a currency to convert to.

   The device displays the conversion result.

Convert measurements

1. In Standby mode, press [▤] → **Organiser** → **Converter**.
2. Scroll right to change the type of measurement.
3. Scroll down to **Unit** and scroll right to change the base unit (if necessary).
4. Scroll down to **Amount** and enter the base amount.
5. Scroll down to **Unit** and scroll right to change the conversion unit (if necessary).

   The device displays the conversion result.

GPS data

You can view GPS data to help you navigate, show your position, or monitor trip details. Before you can use GPS data, you must activate a positioning method via a Bluetooth wireless connection or a wireless network connection.

- Avoid contact with your internal GPS antenna for better GPS performance.
- The GPS signal can be affected by your geographical position or physical environment.

Activate a positioning method

1. In Standby mode, press [▤] → **Tools** → **GPS data**.
2. Press <**Options**> → **Positioning settings** → **Positioning methods**.
3. Scroll to a positioning method (**Bluetooth GPS**, or **Network based**) and press <**Options**> → **Enable**.

If you enable Bluetooth GPS, you must pair with a Bluetooth-enabled device (see "Search for and pair with a Bluetooth-enabled device" ▶ p. 70). Once you activate a positioning method, your device will attempt to open that connection when you launch GPS data.

Navigate with GPS data

1. In Standby mode, press [▤] → **Tools** → **GPS data** → **Navigation**.
2. Press <**Options**> → **Set destination** → **Coordinates**.
3. Enter the latitude and longitude of your destination and press the Confirm key.

   Your device will display the direction of your destination, your current speed, and the duration of your trip.
4. To stop the GPS navigation, press <**Options**> → **Stop navigation**.

View your current position

In Standby mode, press [▤] → **Tools** → **GPS data** → **Position**.

Monitor trip details

1. In Standby mode, press [▤] → **Tools** → **GPS data** → **Trip distance**.
2. Press <**Options**> → **Start**.

   Your device will track trip details, including distance, time, and speed.
3. To stop monitoring trip details, press <**Options**> → **Stop**.

Landmarks

With Landmarks, you can save your current location or manually enter new locations.

1. In Standby mode, press [ ] → **Tools** → **Landmarks**.
2. Press <**Options**> → **New landmark** → **Current position** or **Enter manually**.

To add your current location automatically, your device must have an active connection.

3. Enter details about the landmark (if necessary).
4. When you are finished entering landmark information, press <**Done**>.

Smart reader

Smart reader allows you to take a photo of a namecard and create a new contact card or a new document.

Capture and convert an image of a namecard

Take a photo of a namecard and extract contact information from the card, and save it as a new contact in Contacts.

- Hold the device firmly while taking the namecard or document.
- Be careful not to let any shadows on the namecard or document.
- Place the namecard or document on level, evenly lit place and photograph it.
- Depending on the shooting environment, the result of the namecard or document conversion may not be satisfying.

1. In Standby mode, press [▤] → **Media** → **Smart reader**.
2. Rotate the device 90º anti-clockwise (to the left).
3. Center the namecard within the frame.
4. Press [📷] or the Confirm key to take the photo.

   As you align the frame in the viewfinder with the edges of the namecard, they will change to green. If you can align all four edges of the frame at once, Smart reader will automatically capture the image.

   Your device recognises the namecard and converts it to contact card format.
5. Press <**Options**> → **Add to Contacts** to save the contact card.

Capture and convert an image of text

1. In Standby mode, press [▤] → **Media** → **Smart reader**.
2. Rotate the device 90º anti-clockwise (to the left).
3. Press <**Options**> → **Mode** → **Text recognition**.
4. Press [📷] or the Confirm key to take the photo.

   Your device recognises the text and converts it to a document format.
5. Edit the text (if necessary).
6. Press <**Options**> → **Save to notepad** to save the document.

Dictionary

With Dictionary, you can look up words of various language. The dictionary is available depending on your region.

Look up words

1. In Standby mode, press [▤] → **Organiser** → **Dictionary**.
2. Enter an English word and press the Confirm key.

Change the dictionary

1. In Standby mode, press [▤] → **Organiser** → **Dictionary** → <**Options**> → **Change Dictionary...**
2. Select a dictionary.

Change dictionary options

In Standby mode, press [▤] → **Organiser** → **Dictionary** → <**Options**> → **Settings** → **Display** to access the following:

- **Font Size**: set the size of the text on the display
- **Font Theme**: set the type of the text on the display
- **Contents View**: set to view the contents fully or briefly

managers

Learn to manage teams, files, applications, device configurations, licences, and connections.

Team manager

With Team manager, you can make a team with members and send a message to them at the same time.

Make a new team

1. In Standby mode, press [ ] → **Organiser** → **Team Manager**.
2. Press <**Options**> → **New Team**.
3. Enter team details.
4. When you are finished, press <**OK**>.

Add members to a team

1. In Standby mode, press [ ] → **Organiser** → **Team Manager** → a team.
2. Press <**Options**> → **Add New Member**.
3. Select contacts and press <**OK**>.

Send a message to members

1. In Standby mode, press [] → **Organiser** → **Team Manager**.
2. Scroll to a team.
3. Press <**Options**> → **Create message** → a message type.
4. Select a number for a contact (if necessary).
5. Enter the message text.
6. Press <**Options**> → **Send** to send the message.

Make a multiparty call (conference call)

1. In Standby mode, press [] → **Organiser** → **Team Manager**.
2. Scroll to a team.
3. Press <**Options**> → **Voice conference**.
4. Select contacts and press <**OK**>.
5. Press <**Options**> → **Call**.

Send an appointment to members

1. In Standby mode, press [] → **Organiser** → **Team Manager**.

2. Scroll to a team.
3. Press <**Options**> → **Set appointment**.
4. Enter appointment details.
5. When you are finished, press <**Done**>.
6. Select a number for a contact (if necessary).
7. Enter the message text.
8. Press <**Options**> → **Send** to send the message.

File manager

With File manager, you can search for and organise your files or folders. You can also back up and restore data, protect a memory card with a password, or view memory details.

Search for a file or folder

1. In Standby mode, press [ ] → **Organiser** → **File mgr.**
2. Press <**Options**> → **Find**.
3. Scroll to a memory type and press the Confirm key.
4. Select a desired folder and enter text in the search field and press the Confirm key.
5. To open a file or folder from the search results, scroll to the file or folder and press the Confirm key.

Create a new folder

1. In Standby mode, press [▤] → **Organiser** → **File mgr.** → a memory type.
2. Press <**Options**> → **Organise** → **New folder**.
3. Enter a folder name and press the Confirm key.

Move a file to a folder

1. In Standby mode, press [▤] → **Organiser** → **File mgr.** → a memory type.
2. Scroll to a file or folder and press <**Options**> → **Organise** → **Move to folder** → a memory type.
3. Scroll to a folder and press the Confirm key.
4. Scroll to a subfolder and press the Confirm key (if necessary).
5. Press the Confirm key.

Back up data to a memory card

1. Insert a memory card (see "Insert a memory card (optional)" ▶ p. 16).
2. In Standby mode, press [▤] → **Organiser** → **File mgr.**
3. Press <**Options**> → **Back up phone memory**.
4. Press <**Yes**>.

To restore data from a memory card, press <**Options**> → **Restore from mem. card.**

Format a memory card

Your device supports FAT16 or FAT32 file systems.

1. Insert a memory card (see "Insert a memory card (optional)" ▶ p. 16).
2. In Standby mode, press [▤] → **Organiser** → **File mgr.** → the inserted memory card.

3. Press <**Options**> → **Memory card options** → **Format**.
4. Press <**Yes**> to confirm.

Protect a memory card with a password

Devices that do not support this feature, such as PCs, cannot read the card while the password protection is active. Remove the password protection from the card to use it with those devices.

1. In Standby mode, press [] → **Organiser** → **File mgr.** → the inserted memory card.
2. Press <**Options**> → **Memory card password** → **Set**.
3. Enter and confirm a password (up to 8 characters).
4. Press the Confirm key.

To remove the password, press <**Options**> → **Memory card password** → **Remove**.

View memory details

You can view the used and available memory on your device and memory card,

1. In Standby mode, press [] → **Organiser** → **File mgr.** → a memory type.
2. Press <**Options**> → **Details** → **Memory** or **Memory card**.

Application manager

Your device supports applications made for the Symbian OS and the Java platform, Micro Edition (J2ME™). Your device will not support applications made for other operating systems

or Java platforms (including PersonalJava™). To download applications to your device, see "Download files from the web" ▶ p. 68.

Install a new application

1. In Standby mode, press [▤] → **Installat.** → **App. mgr.** → **Installation files**.
2. Scroll to an application and press <**Options**> → **Install**.
3. Follow any on-screen instructions.

The application manager automatically tries to verify an application's digital signatures and certificates during installation and will show a warning if the application does not meet normal security requirements. To protect your device and your data, do not install applications that do not have valid digital signatures or certificates.

Change installation options

In Standby mode, press [▤] → **Installat.** → **App. mgr.** → <**Options**> → **Settings** to access the following:

- **Software installation**: set to allow or block installations

- **Online certificate check**: set to check for online certificates when installing applications
- **Default web address**: set a default web address for checking online certificates

Remove an application

1. In Standby mode, press [▤] → **Installat.** → **App. mgr.** → **Installed apps.**
2. Scroll to an application and press <**Options**> → **Uninstall**.
3. Press <**Yes**> to confirm.

Licence manager

When you download digital content, you may need to purchase a licence from the website that allows you to access the file.

View licences

1. In Standby mode, press [▤] → **Tools** → **Licences**.
2. Scroll to a folder and press the Confirm key:
   - **Valid licences**: all valid licences
   - **Invalid licences**: expired licences
   - **Not in use**: licences of media files that are no longer stored on the device
3. Scroll to a licence and press the Confirm key.

Restore an expired licence

When your licence expires, you must purchase additional rights to use the media file.

To restore an expired licence,

1. In Standby mode, press [ ] → **Tools** → **Licences**.
2. Scroll to **Invalid licences** and press the Confirm key.
3. Scroll to a licence and press <**Options**> → **Get new licence**.
4. Press <**Yes**> to confirm.
5. Follow the on-screen instructions.

Connection manager

With Connection manager, you can view the details of data connections and close open connections.

View connection details

1. In Standby mode, press [ ] → **Connect.** → **Conn. mgr.**
2. Scroll to a connection and press <**Options**> → **Details** to access the following:
   - **Name**: the current access point or modem (if using a dial-up connection)
   - **Bearer**: the type of data connection

- **Status**: the connection status
- **Total**: the total amount of data received and sent
- **Received**: the amount of data received
- **Sent**: the amount of data sent
- **Duration**: the length of time the connection has been open
- **Speed**: the current upload and download speeds
- **Access pt.**: the name of the access point in use
- **Shared**: the number of applications using the same connection

Close an open connection

1. In Standby mode, press [▤] → **Connect.** → **Conn. mgr.**
2. Scroll to a connection and press <**Options**> → **Disconnect**.
3. Press <**Yes**> to confirm.

settings

Learn about your device settings. To access your device settings,

1. In Standby mode, press [ ] → **Settings**.
2. Scroll to a category (**General**, **Phone**, **Connection**, or **Applications**) and press the Confirm key.

You can also access some settings from other menus: press <**Options**> → **Settings**.

General settings

Personalisation

Control the appearance and behavior of your display, Standby mode, tones, and language (for **Themes** settings, see "Apply a theme" ▶ p. 21).

Additional keys

- **User defined key 1**: set the default function for [ ]
- **User defined key 2**: set the default function for [ ]

Display

- **Auto brightness**: turn the auto brightness on or off
- **Brightness**: adjust the brightness level of the screen
- **Font size**: set the size of the text on the display
- **Welcome note/logo**: set a text note or image that shows when you turn on the device
- **Light time-out**: set the delay before the backlight dims
- **Dim time**: set the delay before the dimmed backlight turns off

Standby mode

- **Shortcuts**: set the softkey and application shortcuts for Standby mode
- **Standby theme**: set to show application shortcuts in Standby mode

Tones

- **Ringing tone**: set a ringtone for incoming voice calls
- **Video call tone**: set a ringtone for incoming video calls
- **Ringing type**: set a ring type
- **Ringing volume**: set the volume for ringtones and message alerts
- **Message alert tone**: set a tone for incoming text or multimedia messages
- **E-mail alert tone**: set a tone for incoming email messages
- **Calendar alarm tone**: set a tone for calendar events
- **Clock alarm tone**: set a tone for a clock alarm

- **Vibrating alert**: set a vibrating alert for incoming calls and messages
- **Keypad tones**: set the volume for keypad tones
- **Warning tones**: set the device to sound a warning tone (e.g., when the battery is low)

Language

- **Phone language**: set a display language (for all menus and applications)
- **Writing language**: set a language for writing messages (for all text editors and dictionaries)
- **Predictive text**: turn Predictive text on or off (for all text editors)
- **Default input**: set a default input mode.

Date and time

Control the appearance and behavior of the date, time, and alarms.

- **Time**: set the current time (press [C] to switch between am and pm)
- **Time zone**: set the time zone
- **Date**: set the current date
- **Date format**: set a date format
- **Date separator**: set a date separator
- **Time format**: set a time format
- **Time separator**: set a time separator
- **Clock type**: set a clock type for the display
- **Clock alarm tone**: set a tone for a clock alarm
- **Alarm snooze time**: set the delay for alarms to repeat
- **Workdays**: set the days of the week to sound alarms
- **Automatic time update**: set the network to automatically update the time and date

Enhancement

Set the device to use the headset, headphone, car kit, or another device as the default enhancement: press <**Options**> → **Set as default**. You can change the following settings for each enhancement:

- **Default profile**: set the default profile for the enhancement
- **Automatic answer**: set the enhancement to automatically answer incoming calls (when connected to the device)
- **Lights**: set the enhancement to automatically turn on the lights

Security

Set security codes and manage security certificates or security modules.

Phone and SIM card

- **PIN code request**: set the device to request a PIN code each time you turn it on
- **PIN code**: set a PIN code for the device
- **PIN2 code**: set a PIN2 code (supplied with some SIM cards)
- **Phone autolock period**: set the delay before the device locks automatically
- **Lock code**: set a lock code for the device
- **Lock if SIM card changed**: set to lock the device automatically when the SIM card is changed
- **Remote phone locking**: set to lock the device when a message containing the lock message setting is received
- **Lock keypad if slide closed**: set to lock the keypad automatically when the device is closed
- **Closed user group**: set the device to restrict calls to and from a selected group of users
- **Confirm SIM services**: set the device to show a confirmation message when you use a SIM service

Certificate management

Your device uses digital certificates to verify the identity and authenticity of various online services and software. These certificates help keep your personal data secure and help you avoid viruses and other dangerous software. In Certificate management, you can view certificate details, delete certificates, or change settings.

Protected content

- **Licence acquisition**: set to ask for your confirmation when you receive licences
- **Track protected object**: set to track the contents protected

Security module

Manage security modules on your device.

Factory settings

Reset settings to their factory defaults. You must enter the lock code to reset the device. After entering the code, the device will restart.

Positioning

Control the methods and servers your device uses to retrieve global positioning information.

Positioning methods

- **Bluetooth GPS**: set the device to use the Bluetooth wireless feature to retrieve global positioning information
- **Network based**: set the device to use the cellular network to retrieve global positioning information

Notation preferences

- **Measurement system**: set a system
- **Coordinate format**: set a coordinate format

Phone settings

Call

Control how your device handles calls with caller ID, call waiting, speed dial, and other call settings.

- **Send my caller ID**: set to send your caller ID based on your preferences or network settings
- **Call waiting**: set to alert you of an incoming call while you are on a call
- **Reject call with message**: set to send a text message to callers you reject
- **Message text**: set the message to send to rejected callers
- **Own video in recvd. call**: set the device to show your image during a video call
- **Image in video call**: set an image to use during a video call
- **Automatic redial**: set to automatically redial an unconnected call
- **Show call duration**: set to show the length of a call
- **Summary after call**: set to show a summary after a call
- **Speed dialling**: set to allow speed dialling
- **Anykey answer**: set to answer a call when you press any key (except [ ], the volume key, [ ], and [ ])

- **Side volume key**: set the volume key to mute the ringer or reject calls when pressed during an incoming call
- **Slide up**: set to answer a call when you open the device

Call divert

Divert incoming calls to another number. When you divert calls, you must specify a receiving number or delay time for diverted calls.

Voice calls

- **All voice calls**: set to divert all voice calls
- **If busy**: set to divert calls when you are on another call
- **If not answered**: set to divert calls you do not answer
- **If out of reach**: set to divert calls when you are outside the service area
- **If not available**: set to divert calls when your device is off

Data and video calls

- **All data and video calls**: set to divert all data and video calls
- **If busy**: set to divert calls when you are on another call
- **If not answered**: set to divert calls you do not answer
- **If out of reach**: set to divert calls when you are outside the service area
- **If not available**: set to divert calls when your device is off

Call barring

- **Outgoing calls**: set to prevent all outgoing calls
- **International calls**: set to prevent calls to international numbers
- **International calls except to home country**: set to prevent international calls to countries other than your home country

- **Incoming calls**: set to prevent all incoming calls
- **Incoming calls when roaming**: set to prevent incoming calls when you are outside your home service area

Network

Control network modes and selection methods.

- **Network mode**: set to operate on a UMTS or GSM network or set to operate on both (Dual mode)
- **Operator selection**: set the device to automatically or manually select a list of cellular networks

To receive service on another network, you must select one that has a roaming agreement with your home network.

- **Cell info display**: set to indicate when the device is used in a Micro Cellular Network

Connection settings

Bluetooth

Control the Bluetooth wireless feature.

- **Bluetooth**: turn the Bluetooth wireless feature on or off
- **My phone's visibility**: make your device visible to or hidden from other Bluetooth-enabled devices and set how long the device is visible to other Bluetooth-enabled devices
- **My phone's name**: set a name for your device

USB

Control how your device behaves when you connect it to a PC.

- **USB connection mode**: set to **PC Studio** (when using PC Studio to sync files), **Mass storage** (when using a memory card to transfer files), **Image transfer** (when printing images), or **Media transfer** (when transferring media files)
- **Ask on connection**: set to ask on connection when you connect to a PC

Destinations

Control access point connections, passwords, and homepages.

- **Connection name**: set a name for the access point connection
- **Data bearer**: set a data transmission type
- **Access point name**: set the web address for the access point
- **User name**: set a user name
- **Prompt password**: set to ask for a password when you connect to the access point
- **Password**: set a password for the access point
- **Authentication**: set an authentication mode
- **Homepage**: set a homepage for access points that connect to web services
- **Use access point**: set to ask for your confirmation when you use the access point

You can also define advanced settings for access points: press <**Options**> → **Advanced settings**.

- **Network type**: set a network type (IPv6 or IPv4)
- **Phone IP address** (IPv4 only): set the IP address of your device
- **DNS addresses** (IPv4): set primary and secondary domain name server (DNS) addresses or set to 0.0.0.0 for automatic detection

- **DNS addresses** (IPv6): set primary and secondary domain name server (DNS) addresses or set to **Automatic** (use automatic detection) or **Well-known** (use well-known IPv6 addresses)
- **Proxy server address**: set the IP address of the proxy server
- **Proxy port number**: set the port number of the proxy server

Packet data

Control packet data connections when using a GPRS network.

- **Packet data connection**: set to open a packet data connection, **When available** (anytime a packet data connection on a GPRS network becomes available) or **When needed** (if an application needs to send packet data)
- **Access point**: set an access point name to send packet data to a PC (see the Samsung PC Studio help)

Video sharing

Control the use of the video sharing service.

- **Video sharing**: turn the video sharing service on or off
- **SIP profile**: set the default SIP profile for the video sharing service
- **Video saving**: set to save the videos you are watching while using the video sharing service
- **Preferred saving memory**: set a memory location for saving the videos
- **Capability alert tone**: set the device to sound a tone when the video sharing service is available during a call

Remote drives

Set settings for a remote drive: press <Options> → **New drive**.

- **Name**: set a name
- **Address**: set a web address
- **Access point**: select an access point
- **User name**: set a user name
- **Password**: set a password

Configurations

View network configurations received from your service provider. To apply the configurations, press <Options> → **Save**.

Applications settings

RealPlayer

Control how RealPlayer behaves when playing videos or streaming media.

Video

- **Default playback view**: set the default view mode
- **Contrast**: set the contrast for video playback
- **Repeat**: set to repeat video playback

Streaming (Proxy)

- **Use proxy**: set to activate or deactivate a proxy server
- **Proxy server address**: set a name for a proxy server
- **Proxy port number**: set the port number of a proxy server

Streaming (Network)

- **Default access point**: set a default access point
- **Online time**: set a time to remain online when RealPlayer is inactive
- **Lowest UDP port**: set the lower end of a range of server ports
- **Highest UDP port**: set the higher end of a range of server ports

Camera

Control how the camera behaves when you capture images or videos.

Image

- **Image quality**: set to capture High, Normal, or Basic quality images
- **Show captured image**: set to show the image after taking it
- **Image resolution**: set to save images with a resolution of 640 x 480 or higher
- **Default image name**: set the default image name
- **memory in use**: set a location to store new images

Video

- **Length**: set the length of videos
- **Video resolution**: set to save videos with a resolution of 176 x 144 or higher
- **Default video name**: set the default video name
- **Memory in use**: set a location to store new videos

Voice recorder

Control the quality and memory location of voice clips.

- **Recording quality**: set to record High, Standard, or MMS-compatible voice clips
- **Memory in use**: set a location to store new voice clips

App. manager

Control how your device behaves when you install new applications.

- **Software installation**: set to install only programs with signed security certificates or to install all programs
- **Online certificate check**: set to require that applications pass a security certificate check
- **Default web address**: set a default web address to use when checking security certificates

Log

Log duration: set how long Log will store call and packet data information.

troubleshooting

While using your device, the following messages may appear:

Message	Try this to solve the problem:
Insert SIM card	Ensure that the SIM card is installed correctly.
Lock code	The autolock feature is enabled. To use the device, you must press <**Unlock**> and enter the code. To disable the autolock feature, 1. In Standby mode, press [ ] → **Settings** → **General** → **Security** → **Phone and SIM card**. 2. Set the phone autolock period to **None**.
PIN code	When using the device for the first time or when the PIN requirement feature is enabled, you must enter the PIN supplied with the SIM card. To disable the PIN requirement feature, 1. In Standby mode, press [ ] → **Settings** → **General** → **Security** → **Phone and SIM card**. 2. Set the PIN code request to **Off**.

Message	Try this to solve the problem:
X attempts remaining. Enter PUK code	Your SIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider.

Your device does not show a signal (no bars next to the network icon)

- If you just turned on the device, wait about 2 minutes for your device to find the network and receive a signal.
- You may not be able to receive a signal in tunnels or elevators. Move to an open area.
- You may be between service areas. You should receive a signal when you enter a service area.

You forgot a security code, PIN, or PUK

The default lock code is **00000000**. If you forget or lose this or another code, contact the seller or your service provider.

Your display shows white lines

The display may show white lines if you have turned the device on after a long period of disuse or if you removed the battery without first turning off the device. The display should correct itself in a short time.

You enter a number, but the call is not dialled

- Ensure that you have pressed [ ].
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number.

You select a contact to call, but the call is not dialled

- Ensure that the correct number is stored in the contact information.
- Re-enter and save the number, if necessary.

Another caller cannot hear you speaking

- Ensure that you are not blocking the built-in microphone.
- Move the built-in microphone closer to your mouth.
- If using a headset, ensure that it is properly connected.

The sound quality of a call is poor

- Ensure that you are not blocking the internal antenna on top of the device.
- When you are in areas with weak signals, you may lose reception. Move to another area and try again.

The battery does not charge properly or sometimes your device turns itself off while charging

- Disconnect the device from the charger, remove and reinstall the battery, and try charging again.
- The battery terminals may be dirty. Wipe both gold-coloured contacts with a clean, soft cloth and try charging the battery again.
- If the battery no longer charges completely, dispose of the old battery properly and replace it with a new battery.

Your device is hot to the touch

When you use several applications at once, your device requires more power and may heat up. This is normal and should not affect your device's lifespan or performance.

Your device prompts you to delete some data

The available memory is low. Move your data to a memory card or delete old items from applications.

An application is frozen (will not respond)

1. Press and hold [ ] to open the application list.
2. Scroll to the application that is frozen and press [C] and then <Yes>.
3. Launch the application again.

You cannot find a Bluetooth-enabled device

- Ensure that both devices have activated the Bluetooth wireless feature.
- Ensure that the distance between the devices is not more than 10 metres and that they are not separated by walls or other obstacles.
- Ensure that each device's visibility is not set to **Hidden**.
- Ensure that both devices are compatible with Bluetooth wireless technology.